

00684.003650

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

RYO KURODA ET AL.

Application No.: 10/530,182

Int'l Application No. PCT/JP2004/009239

Filed: June 23, 2004

For: CHEMICAL SENSOR AND
CHEMICAL SENSOR
APPARATUS

Examiner: Not Yet Assigned

Group Art Unit: 2856

March 13, 2006

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Since the U.S. Patent and Trademark Office waived the requirement under 37 C.F.R. § 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications and for all international applications that have entered the national stage under 35 U.S.C. § 371, no copies of such documents are enclosed. Copies of the other listed documents are enclosed.

The concise explanation of relevance for the non-English document may be found, inter alia, in the English language abstract attached thereto and/or in the

International Search Report and the Written Opinion, which were already filed on April 4, 2005.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

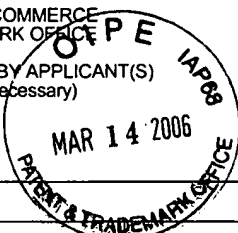
Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

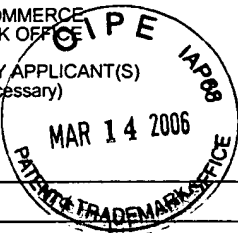
A handwritten signature in black ink, appearing to read "Jason M. Okun", written over a horizontal line.

Jason M. Okun
Attorney for Applicants
Registration No.: 48,512

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

| | | | | | | | |
|---|----|---|----------|--|-------|--------------------------------------|---------------------------------------|
| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | | ATTY DOCKET NO. 00684.003650 | | APPLICATION NO. 10/530,182 | |
|  | | | | APPLICANT Ryo Kuroda et al. | | | |
| | | | | FILING DATE June 23, 2004 | | GROUP 2856 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 5,973,316 | 10/26/99 | Ebbesen et al. | 250 | 216 | |
| | | 6,052,238 | 04/18/00 | Ebbesen et al. | 359 | 738 | |
| | | 6,236,033 B1 | 05/22/01 | Ebbesen et al. | 250 | 216 | |
| | | 6,052,238 | 04/18/00 | Ebbesen et al. | 359 | 738 | |
| | | 2002/0021445 A1 | 02/21/02 | Bozhevolnyi et al. | 356 | 445 | |
| | | 2001/0031503 A1 | 10/18/01 | Challener et al. | 436 | 518 | |
| | | 6,277,653 B1 | 08/21/01 | Challener et al. | 436 | 518 | |
| | | 5,994,150 | 11/30/99 | Challener et al. | 436 | 518 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
| | JP | 2002-357543 | 12/13/02 | Japan | | | Abstract |
| | EP | 0 341 928 A1 | 11/15/89 | Europe | | | |
| | WO | 03/042748 A1 | 05/22/03 | International | | | |
| | | | | | | | |
| | | | | | | | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | Veisoh Mandana et al., "Highly Selective Protein Patterning on Gold-Silicon Substrates for Biosensor Applications," 18(17) Langmuir 6671-78 (August 2002). | | | | | |
| | | Susanna Chang et al., "Design and Fabrication of Array Format SPR Chips in Microstructure Monolayers Detection," Proceedings of 2nd Annual International IEEE-EMBS Special Topic Conference on Microtechnologies in Medicine and Biology 386-89 (May 2002). | | | | | |
| | | | | | | | |
| | | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | | | | | |
|---|--|--------------------|----------|--|-------|--------------------------------------|---------------------------------------|
| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | | ATTY DOCKET NO. 00684.003650 | | APPLICATION NO. 10/530,182 | |
|  | | | | APPLICANT Ryo Kuroda et al. | | | |
| | | | | FILING DATE June 23, 2004 | | GROUP 2856 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 5,035,863 | 07/30/91 | Finlan et al. | 422 | 82.05 | |
| | | 5,064,619 | 11/12/91 | Finlan | 422 | 82.05 | |
| | | 5,442,448 | 08/15/95 | Knoll | 356 | 445 | |
| | | 2003/0048452 A1 | 03/13/03 | Johansen | 356 | 445 | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| EXAMINER | | | | DATE CONSIDERED | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2